New Formal Drawings

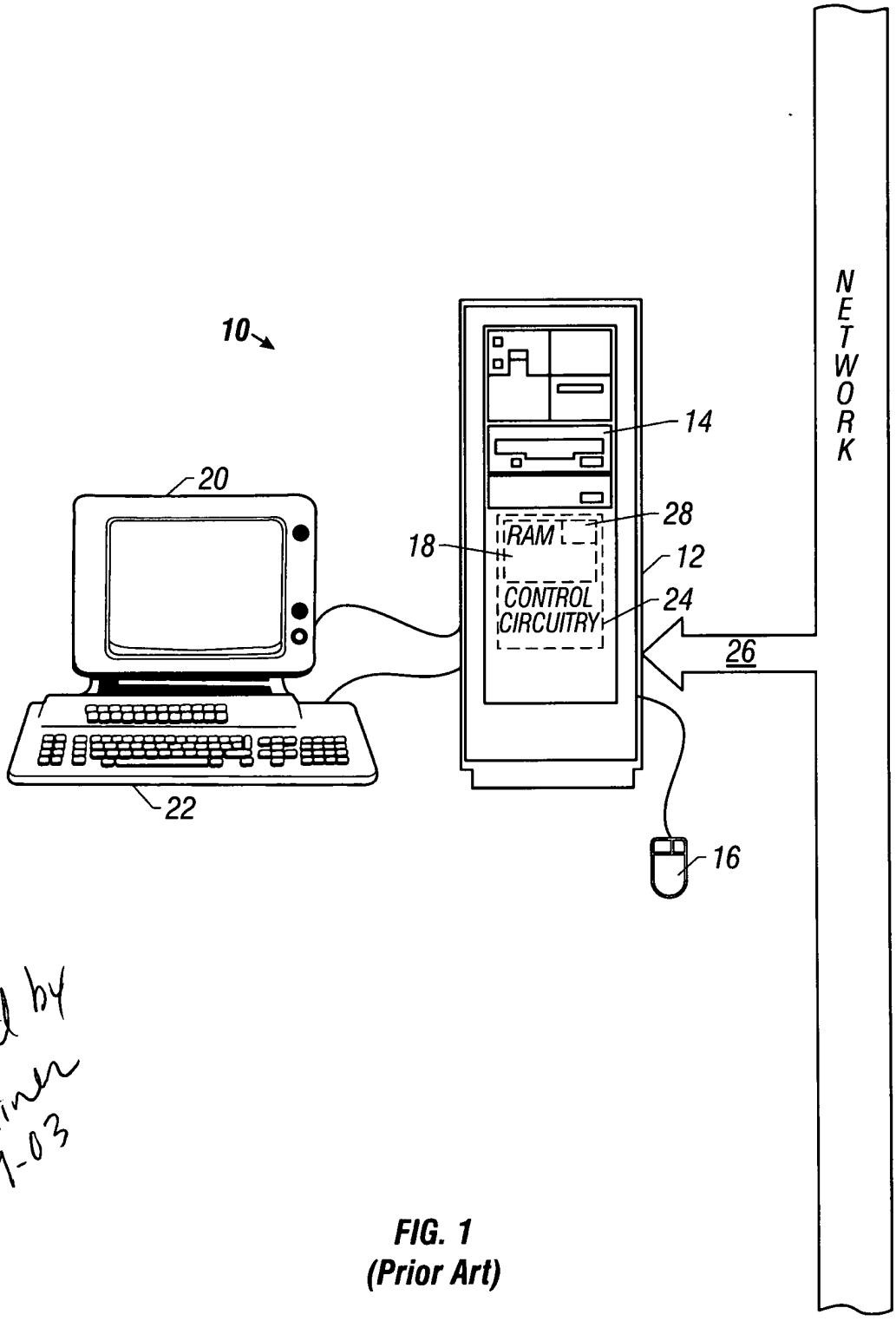

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FIG. 1
(Prior Art)

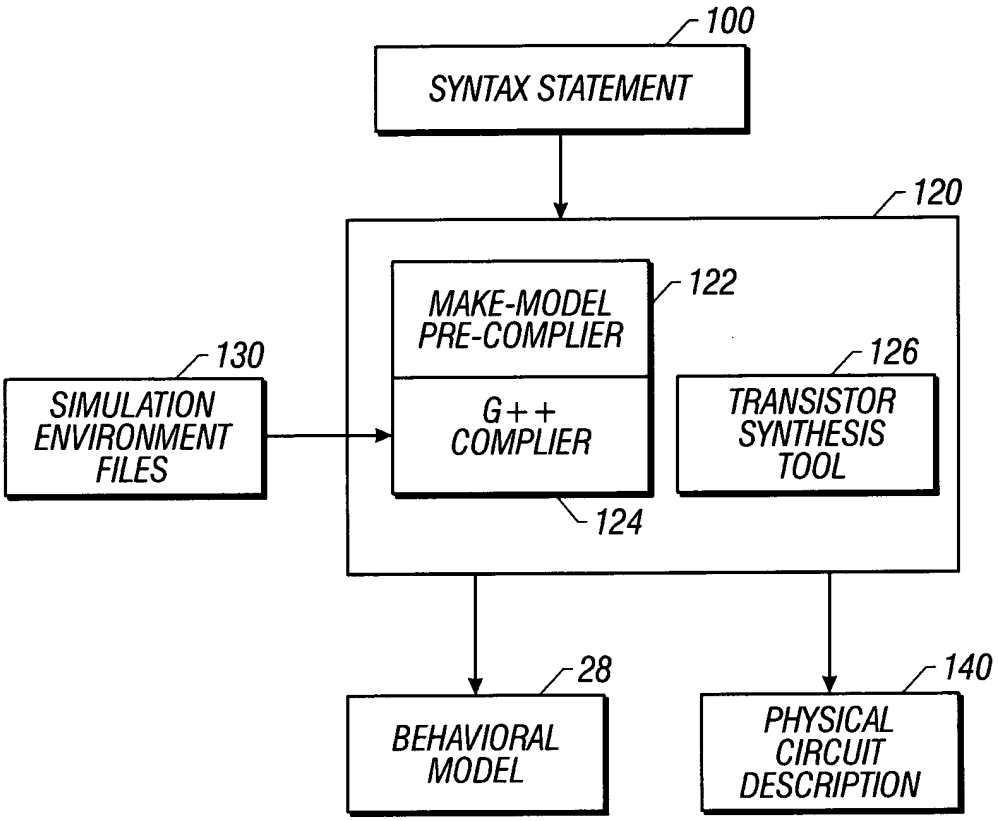

FIG. 2

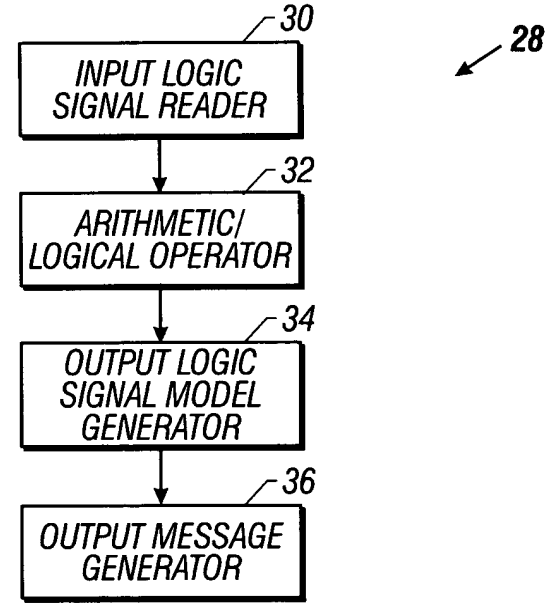

FIG. 3

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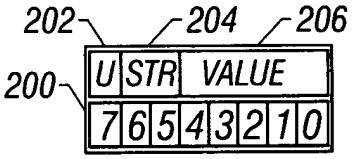
STR		CORRESPONDS TO
1	1	Z - high impedance
1	0	R - weakly-driven
0	1	moderately-driven
0	0	strongly-driven



VALUE					CORRESPONDS TO	VALUE					CORRESPONDS TO
0	0	0	0	0	N-nary signal value = 0	1	0	0	0	0	N-nary signal value = 16
0	0	0	0	1	N-nary signal value = 1	1	0	0	0	1	N-nary signal value = 17
0	0	0	1	0	N-nary signal value = 2	1	0	0	1	0	N-nary signal value = 18
0	0	0	1	1	N-nary signal value = 3	1	0	0	1	1	N-nary signal value = 19
0	0	1	0	0	N-nary signal value = 4	1	0	1	0	0	N-nary signal value = 20
0	0	1	0	1	N-nary signal value = 5	1	0	1	0	1	N-nary signal value = 21
0	0	1	1	0	N-nary signal value = 6	1	0	1	1	0	N-nary signal value = 22
0	0	1	1	1	N-nary signal value = 7	1	0	1	1	1	N-nary signal value = 23
0	1	0	0	0	N-nary signal value = 8	1	1	0	0	0	N-nary signal value = 24
0	1	0	0	1	N-nary signal value = 9	1	1	0	0	1	N-nary signal value = 25
0	1	0	1	0	N-nary signal value = 10	1	1	0	1	0	N-nary signal value = 26
0	1	0	1	1	N-nary signal value = 11	1	1	0	1	1	N-nary signal value = 27
0	1	1	0	0	N-nary signal value = 12	1	1	1	0	0	N-nary signal value = 28
0	1	1	0	1	N-nary signal value = 13	1	1	1	0	1	N-nary signal value = 29
0	1	1	1	0	N-nary signal value = 14	1	1	1	1	0	N-nary signal value = 30
0	1	1	1	1	N-nary signal value = 15	1	1	1	1	1	N-nary signal value = 31

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FIG. 4

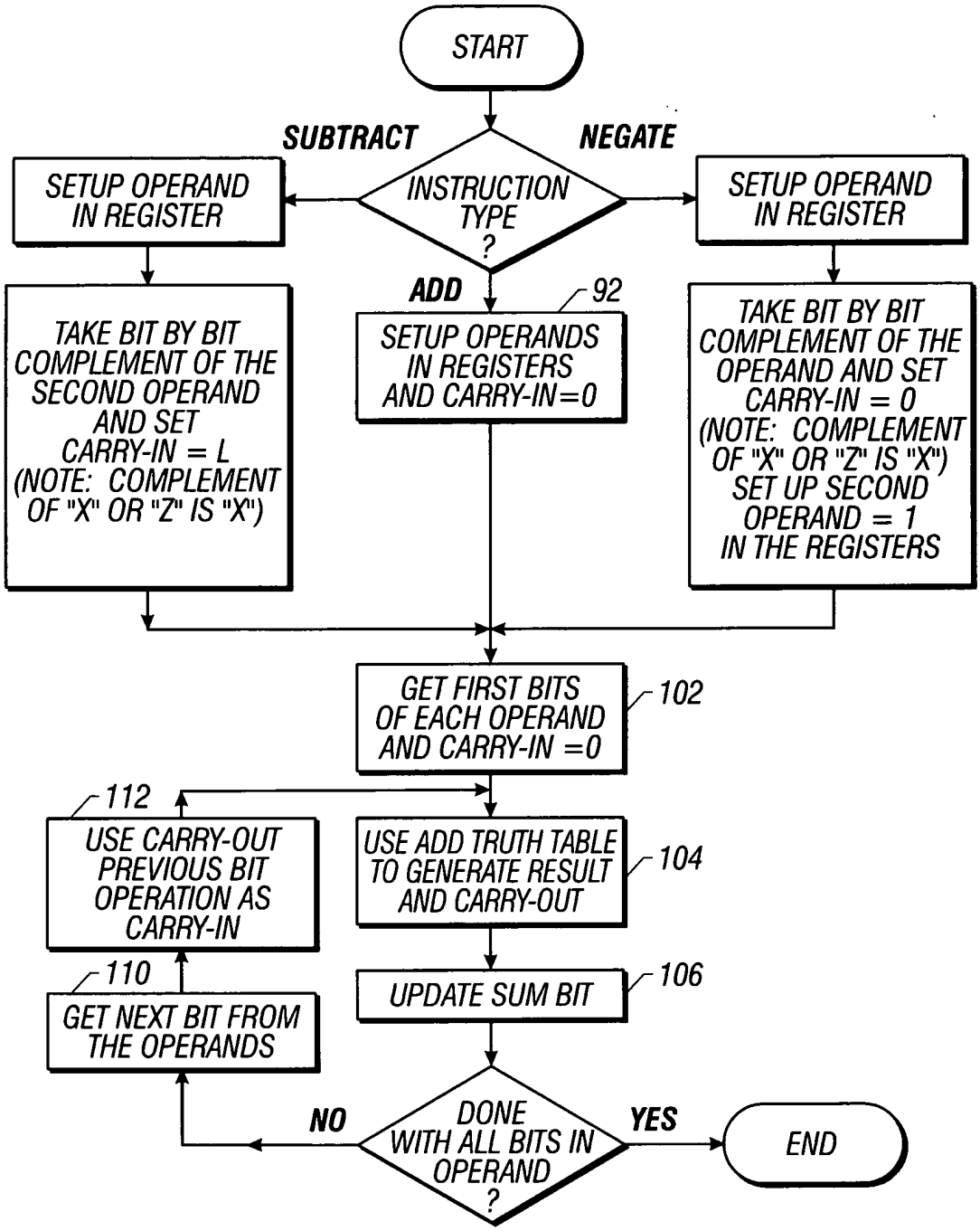

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FIG. 5A

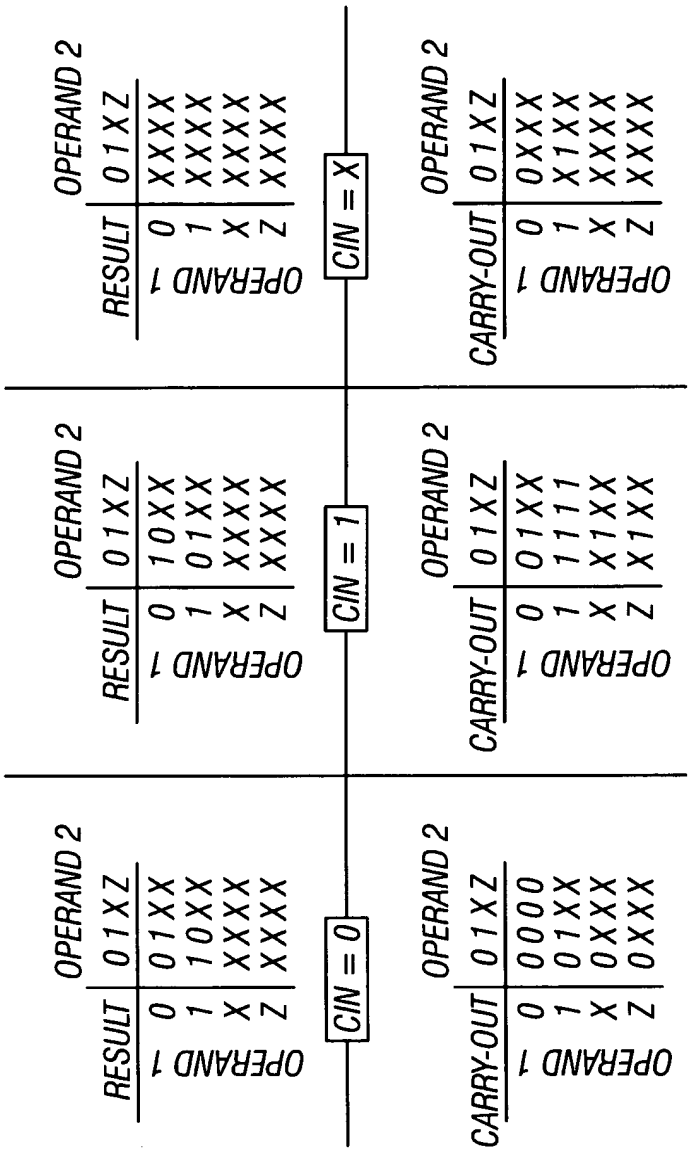

FIG. 5B

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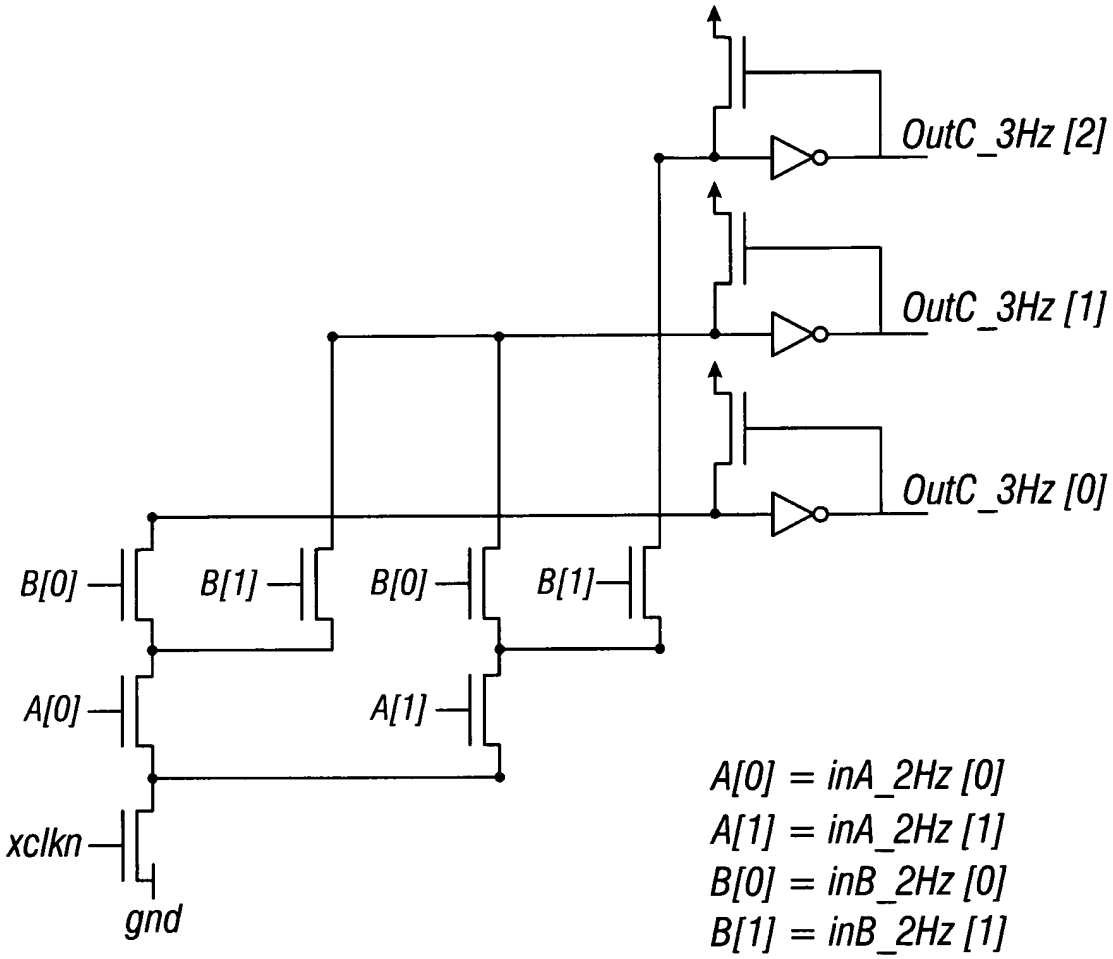

FIG. 6

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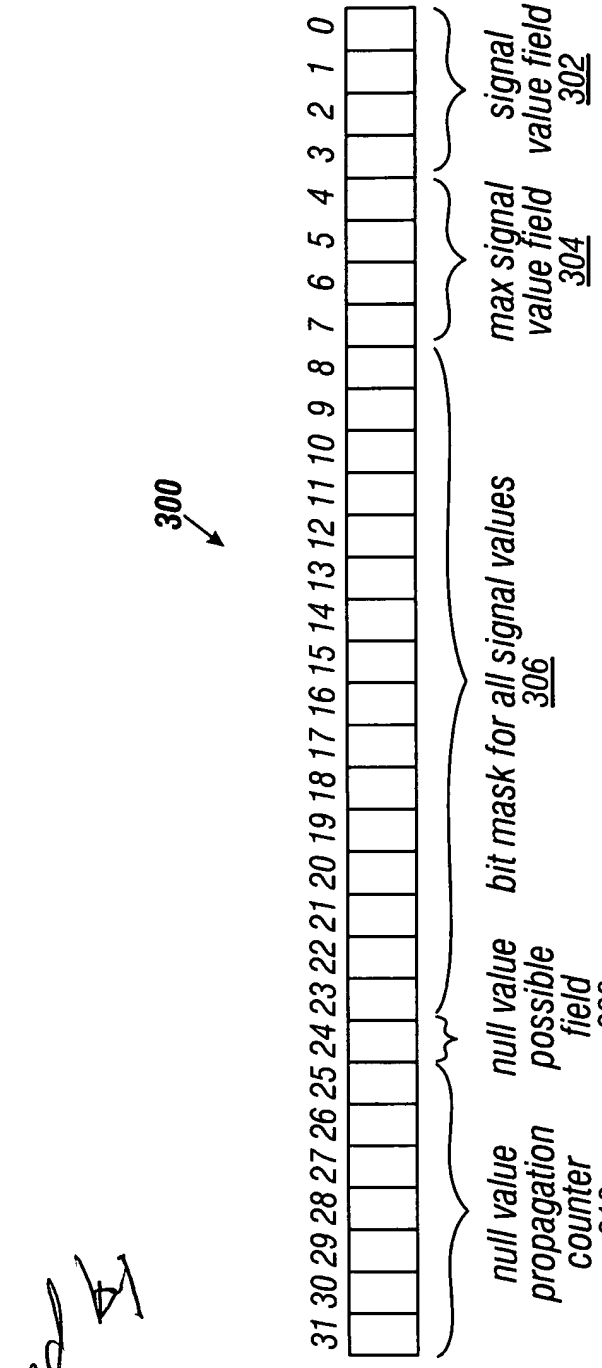

FIG. 7

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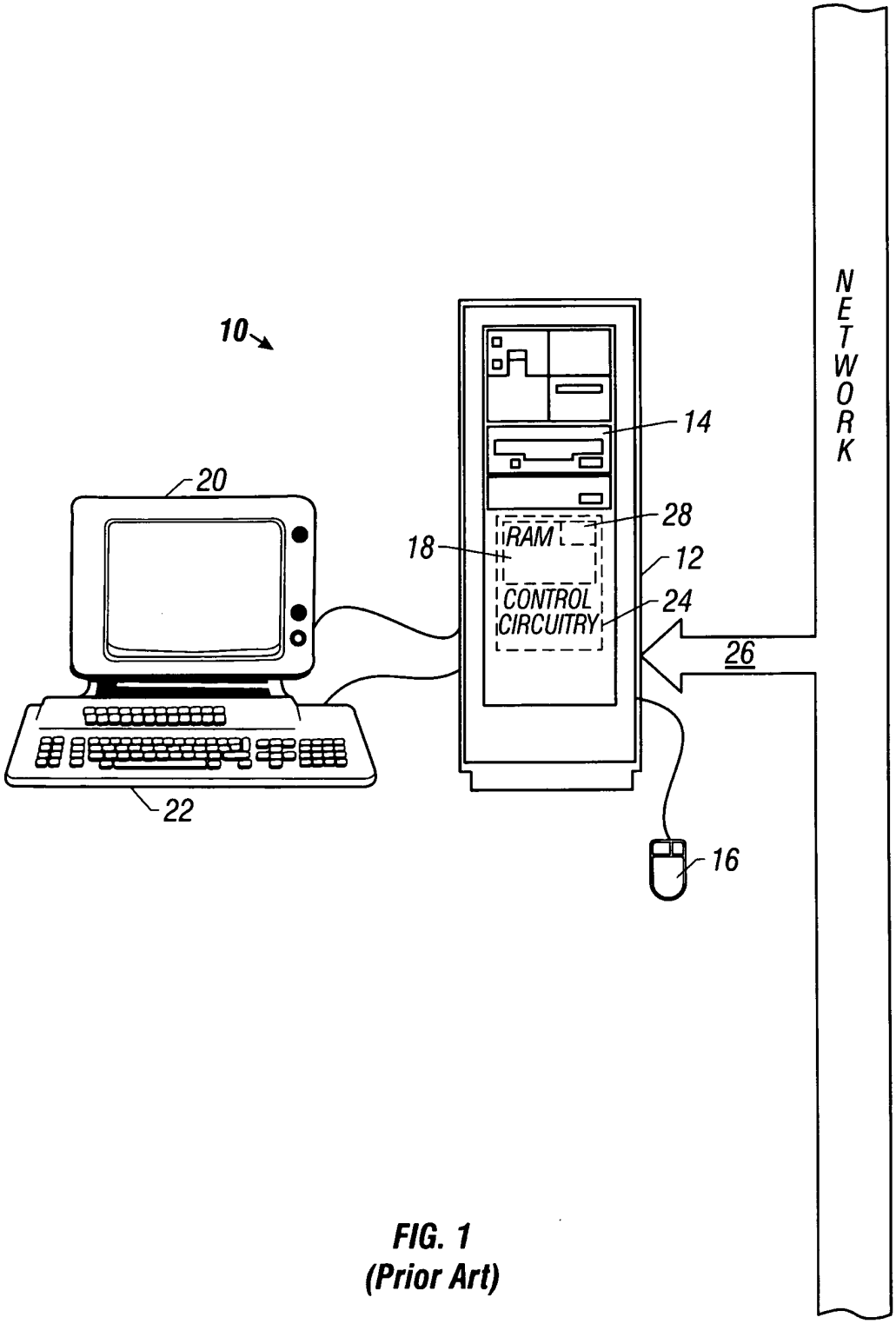


FIG. 1
(Prior Art)

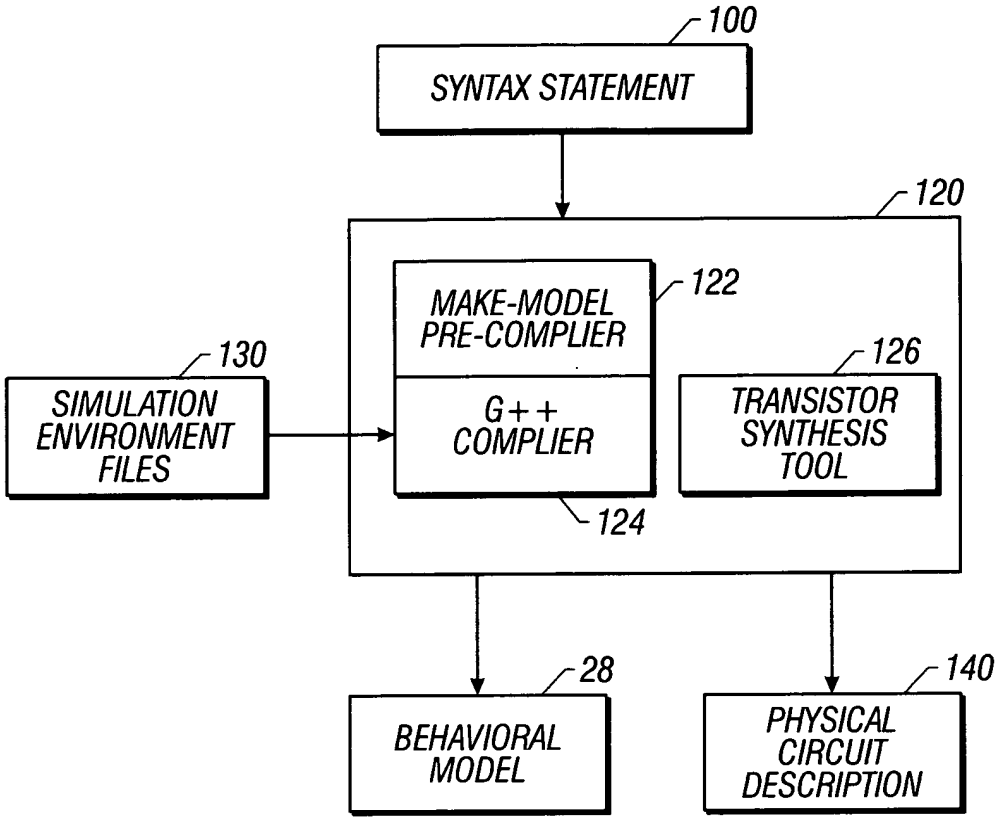


FIG. 2

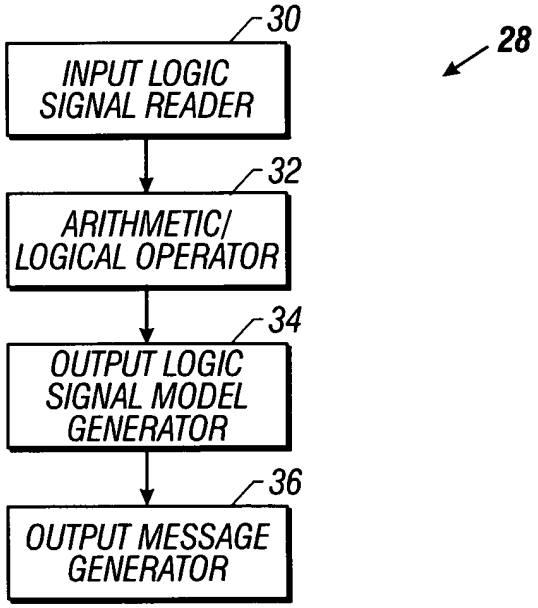
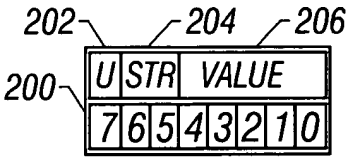


FIG. 3

STR		CORRESPONDS TO
1	1	Z - high impedance
1	0	R - weakly-driven
0	1	moderately-driven
0	0	strongly-driven



VALUE	CORRESPONDS TO	VALUE	CORRESPONDS TO
0 0 0 0 0	N-nary signal value = 0	1 0 0 0 0	N-nary signal value = 16
0 0 0 0 1	N-nary signal value = 1	1 0 0 0 1	N-nary signal value = 17
0 0 0 1 0	N-nary signal value = 2	1 0 0 1 0	N-nary signal value = 18
0 0 0 1 1	N-nary signal value = 3	1 0 0 1 1	N-nary signal value = 19
0 0 1 0 0	N-nary signal value = 4	1 0 1 0 0	N-nary signal value = 20
0 0 1 0 1	N-nary signal value = 5	1 0 1 0 1	N-nary signal value = 21
0 0 1 1 0	N-nary signal value = 6	1 0 1 1 0	N-nary signal value = 22
0 0 1 1 1	N-nary signal value = 7	1 0 1 1 1	N-nary signal value = 23
0 1 0 0 0	N-nary signal value = 8	1 1 0 0 0	N-nary signal value = 24
0 1 0 0 1	N-nary signal value = 9	1 1 0 0 1	N-nary signal value = 25
0 1 0 1 0	N-nary signal value = 10	1 1 0 1 0	N-nary signal value = 26
0 1 0 1 1	N-nary signal value = 11	1 1 0 1 1	N-nary signal value = 27
0 1 1 0 0	N-nary signal value = 12	1 1 1 0 0	N-nary signal value = 28
0 1 1 0 1	N-nary signal value = 13	1 1 1 0 1	N-nary signal value = 29
0 1 1 1 0	N-nary signal value = 14	1 1 1 1 0	N-nary signal value = 30
0 1 1 1 1	N-nary signal value = 15	1 1 1 1 1	N-nary signal value = 31

FIG. 4

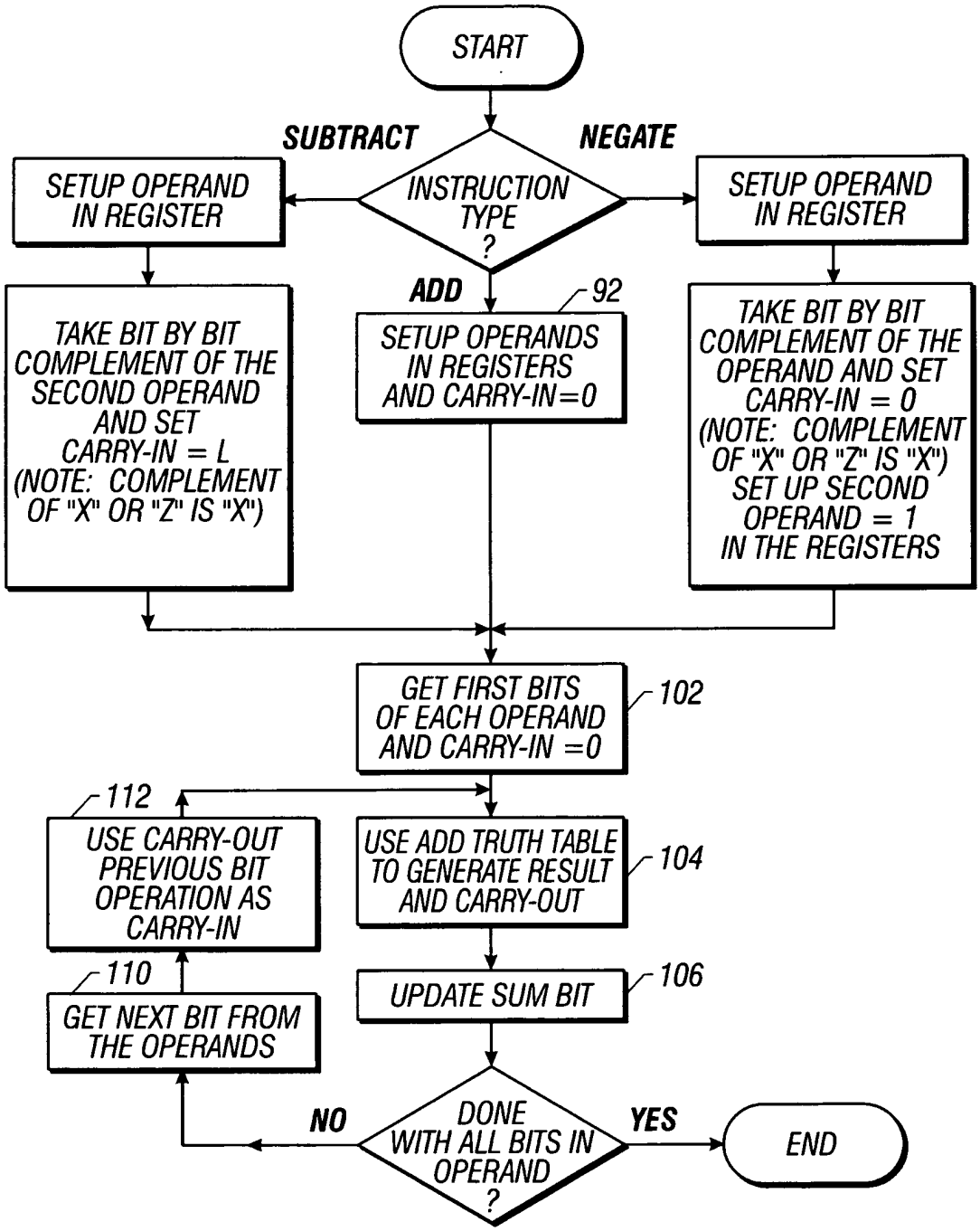


FIG. 5A

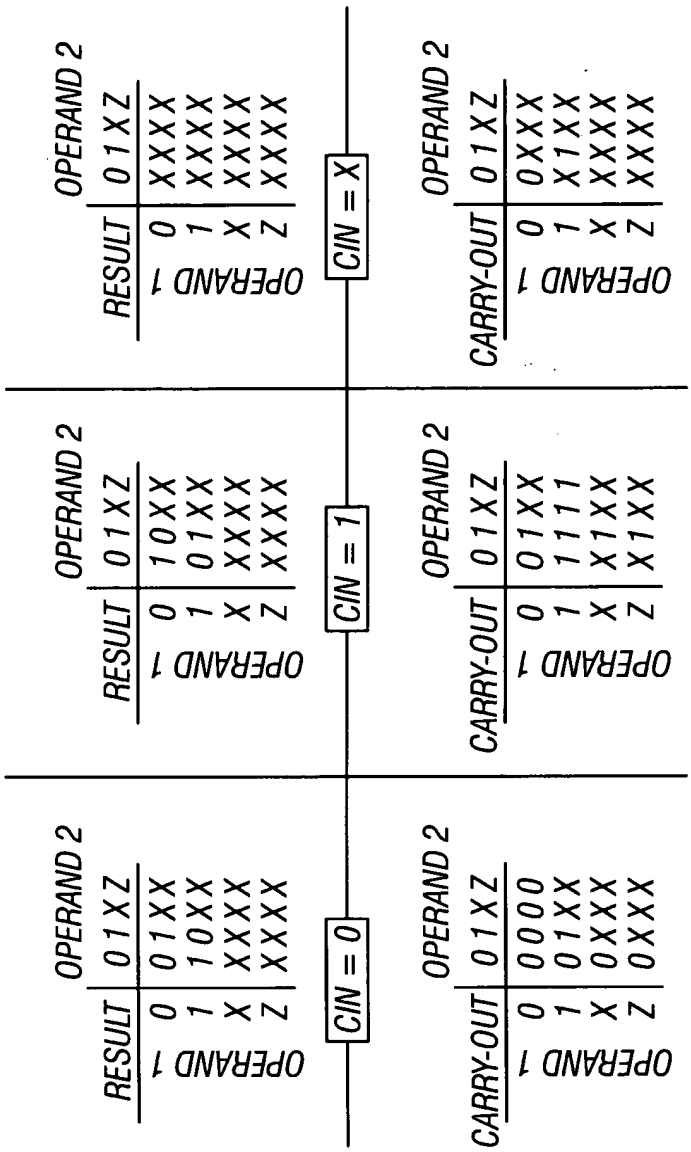


FIG. 5B

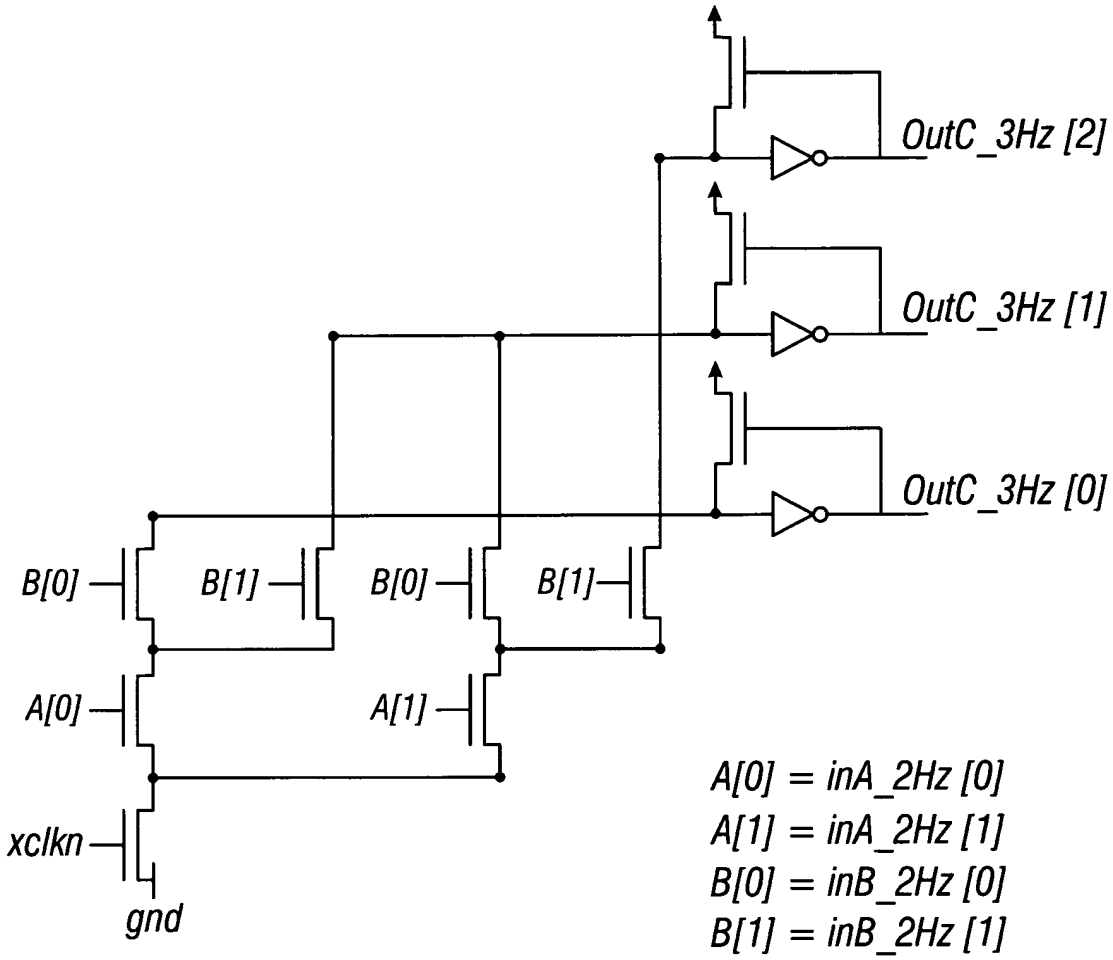


FIG. 6

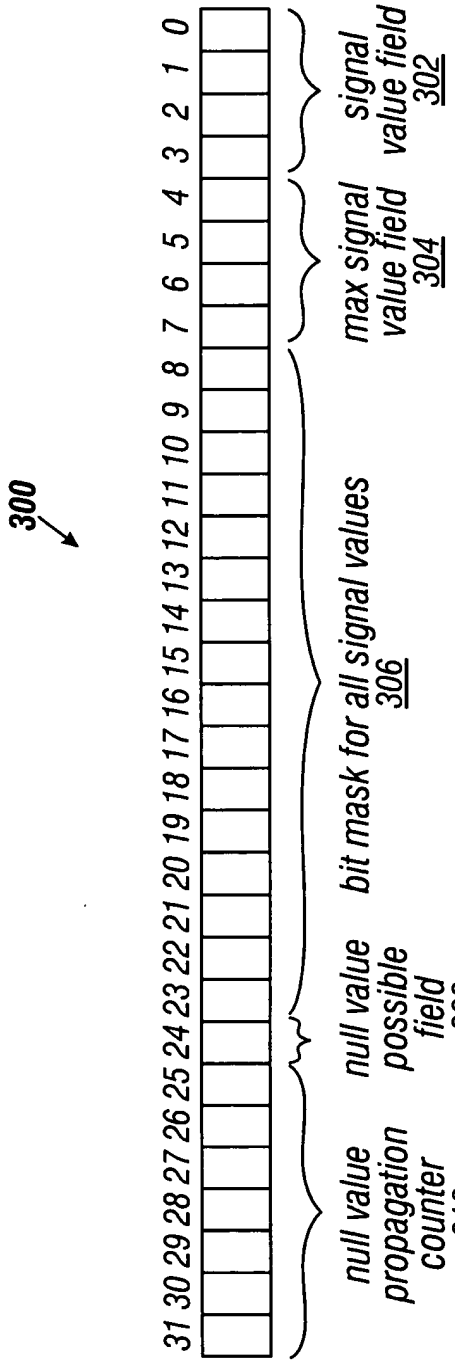


FIG. 7